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FILED VIA FACSIMILE

PATENT APPLICATION
Docket No.: 13768.604.28

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	Andrew L. Bliss, et al.)
)
Serial No.:	10/700,180) Art Unit
) 2184
Confirmation No.:	3587)
)
Filed:	November 3, 2003)
)
For:	TECHNIQUES FOR MANAGED CODE DEBUGGING)
)
Examiner:	Not Yet Assigned)

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

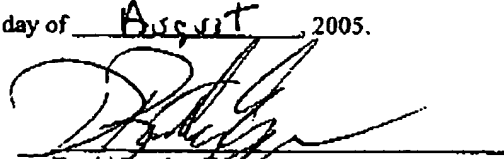
The undersigned, David Bartley Eppenauer, declares: that he is Assistant Secretary of MICROSOFT CORPORATION, and that he is authorized to execute this Revocation and Substitute Power of Attorney on behalf of MICROSOFT CORPORATION; and that MICROSOFT CORPORATION, is the assignee of the entire interest of the above-identified application, as shown by the assignment recorded in the United States Patent Office at Reel 014664, Frame 0667, a copy of said assignment is attached at Exhibit A hereto; and that the attached assignment has been reviewed by him, and to the best of his knowledge and belief title is in the assignee MICROSOFT CORPORATION. The assignee, MICROSOFT CORPORATION, hereby revokes all previous powers of attorney in the above-identified application, and now hereby appoints as our attorneys and/or patent agents all listed under Customer No. 047973; and DAVID BARTLEY EPPENAUER, Registration No. 35,499, MARTIN L. SHIVELY, Registration No. 33,553, PATRICIA E. BORNES, Registration No. 37,038, STACY QUAN, Registration No. 33,760, JEFFREY L. RANCK, Registration No. 38,590 and JOHN WERESH,

Registration No. 32,332, of MICROSOFT CORPORATION, One Microsoft Way, Redmond, Washington 98052, as attorneys with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith. The declarant further declares that all statements made herein of his own knowledge are true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon. All correspondence and telephonic communications should be directed to:

RICK D. NYDEGGER
WORKMAN NYDEGGER
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

All previous powers of attorney are hereby revoked.

Signed at Redmond, Washington, this 8 day of August, 2005.


David Bartley Eppenhauer
Assistant Secretary
MICROSOFT CORPORATION
One Microsoft Way
Redmond, Washington 98052

KCS0000006466V001



Mary Smith
223293

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 28, 2004

PTAS



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LEYDIG, VOIT & MAYER, LTD.
PHILLIP M. PIPPENGER
TWO PRUDENTIAL PLAZA, SUITE 4900
CHICAGO, IL 60601-6780

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELCW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/03/2003

REEL/FRAME: 014664/0667
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BLISS, ANDREW L.

DOC DATE: 10/31/2003

ASSIGNOR:

MORRISON, VANCE PALMER

DOC DATE: 11/03/2003

ASSIGNOR:

TROWBRIDGE, SEAN EDWIN

DOC DATE: 11/03/2003

ASSIGNEE:

MICROSOFT CORPORATION
ONE MICROSOFT WAY
REDMOND, WASHINGTON 98052

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JUN 07 2004

LP
Noted

SERIAL NUMBER: 10700180

FILING DATE: 11/03/2003

PATENT NUMBER:

ISSUE DATE:

TITLE: TECHNIQUES FOR MANAGED CODE DEBUGGING

LAH

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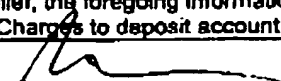
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014664/0667 PAGE 2

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

11-10-2003

11-10-2003		U.S. Department of Commerce Patent and Trademark Office	
RE		PATENT	
TO: The Commissioner of Patents and Trademarks		Final document(s) or copy(ies).	
Submission Type <input checked="" type="checkbox"/> New <input type="checkbox"/> Resubmission (Non-Recordation) Document ID # <input type="checkbox"/> Correction of PTO Error Reel # Frame # <input type="checkbox"/> Corrective Document Reel # Frame #		Conveyance Type <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> License <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other.	
Conveying Party(ies) 1. Andrew L. Bliss 2. Vance Palmer Morrison 3. Sean Edwin Trowbridge 4. 5. 6. <input type="checkbox"/> Mark if Additional Names of Conveying Parties Attached		Execution Date(s) October 31, 2003 November 3, 2003 November 3, 2003	
Receiving Party Name Microsoft Corporation Name Address One Microsoft Way Address Address Redmond Washington State/Country <input type="checkbox"/> Mark if Additional Names of Receiving Parties Attached		10700180 98052 Zip Code	
Correspondent Name and Address Phillip M. Pippenger, Reg. No. 46,055 Leydig, Voit & Mayer, Ltd. Two Prudential Plaza, Suite 4900 Chicago, Illinois 60601-6780		Telephone: (312) 616-5600 Facsimile: (312) 616-5700 Attorney Docket No.	
Pages Enter the total number of pages of the attached conveyance document including any attachments: 6			
Application Number(s) or Patent Number(s) <input type="checkbox"/> Mark if additional numbers attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).			
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.			Month Day Year 10/31/03
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PCT		PCT	PCT
Number of Properties		Enter the total number of properties involved: 1	
Fee Amount Method of Payment: <input type="checkbox"/> Enclosed is a check in the amount of <input checked="" type="checkbox"/> Charge Deposit Account No. 12-1216 Authorization to Charge Additional Fees to Deposit Account No. 12-1216: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Statement and Signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.			
Phillip M. Pippenger Name of Person Signing		 Signature	
November 3, 2003 Date		Date	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventorship BLISS et al.
Applicant Microsoft Corporation
Attorney Docket No. 223293
MS Docket No. 305369.01
Title: TECHNIQUES FOR MANAGED CODE DEBUGGING

PATENT ASSIGNMENT**PARTIES TO THE ASSIGNMENT****Assignor(s):**

Andrew L. Bliss
14924 NE 74th Ct.
Redmond, WA 98052

Vance Palmer Morrison
6114 120th Ave NE
Kirkland, Washington 98033

Sean Edwin Trowbridge
3032 206th Way NE
Sammamish, Washington 98074

Assignee:

Microsoft Corporation
Corporation in the State of Washington
One Microsoft Way
Redmond, WA 98052

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "TECHNIQUES FOR MANAGED CODE DEBUGGING," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

Attorney Docket No. 223293
MS Docket No. 305369.01
Serial No. (if known) _____

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Attorney Docket No. 223293
MS Docket No. 305369.01
Serial No. (if known) _____

10/31/2003
Date

Andrew L. Bliss
Andrew L. Bliss

Date

Vance Palmer Morrison

Date

Shan Edwin Trowbridge

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Inventorship BLISS et al.
Applicant Microsoft Corporation
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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Attorney Docket No. 223293
MS Docket No. 305369.01
Serial No. (if known) _____

Date

11/3/2003
Date

Date

11/3/2003

Andrew L. Bliss

Vance Palmer Morrison
Vance Palmer Morrison

Sean Edwin Trowbridge

Sean Edwin Trowbridge